

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082619\
 Data File : VN057503.D
 Acq On : 26 Aug 2019 11:37
 Operator : JC/SP
 Sample : VN0826WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 5:30:29 PM

Quant Time: Aug 26 12:09:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	343333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	606111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	546674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187026	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	302623	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
35) Dibromofluoromethane	7.58	113	199324	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
50) Toluene-d8	10.08	98	801653	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.40	95	257272	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	70876	17.494	ug/l	95
3) Chloromethane	2.05	50	97707	16.885	ug/l	99
4) Vinyl Chloride	2.17	62	122802	17.435	ug/l	98
5) Bromomethane	2.55	94	75468	17.387	ug/l	93
6) Chloroethane	2.69	64	80637	17.799	ug/l	100
7) Trichlorofluoromethane	3.00	101	193286	17.680	ug/l	97
8) Diethyl Ether	3.39	74	68052	17.559	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	63439	10.914	ug/l	98
10) Methyl Iodide	3.93	142	75191	16.843	ug/l	98
11) Tert butyl alcohol	4.78	59	64402	85.822	ug/l #	90
12) 1,1-Dichloroethene	3.70	96	71873	12.299	ug/l	95
13) Acrolein	3.58	56	67111	101.707	ug/l	95
14) Allyl chloride	4.29	41	133454	17.266	ug/l	98
15) Acrylonitrile	4.96	53	178833	88.369	ug/l	98
16) Acetone	3.80	43	158116	57.007	ug/l	99
17) Carbon Disulfide	4.02	76	173972	15.606	ug/l	98
18) Methyl Acetate	4.31	43	114350	18.503	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	234199	16.602	ug/l	99
20) Methylene Chloride	4.52	84	73726	17.880	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	66513	16.129	ug/l	98
22) Diisopropyl ether	5.93	45	285724	17.232	ug/l	95
23) Vinyl Acetate	5.87	43	1083085	83.632	ug/l	98
24) 1,1-Dichloroethane	5.83	63	150104	17.082	ug/l	97
25) 2-Butanone	6.82	43	252270	83.760	ug/l	100
26) 2,2-Dichloropropane	6.80	77	122175	16.055	ug/l #	76
27) cis-1,2-Dichloroethene	6.81	96	80355	16.438	ug/l	95
28) Bromochloromethane	7.17	49	85434	18.054	ug/l #	22
29) Tetrahydrofuran	7.20	42	173131	87.177	ug/l	98
30) Chloroform	7.36	83	140859	17.325	ug/l	96
31) Cyclohexane	7.64	56	152343	17.956	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	121005	16.053	ug/l	98
36) 1,1-Dichloropropene	7.78	75	108847	17.575	ug/l	98
37) Ethyl Acetate	6.92	43	112820	18.435	ug/l	97
38) Carbon Tetrachloride	7.76	117	99559	16.181	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	130385	17.726	ug/l	97
40) Benzene	8.03	78	313941	16.889	ug/l	97
41) Methacrylonitrile	7.15	41	42012	14.397	ug/l	88
42) 1,2-Dichloroethane	8.11	62	127630	17.832	ug/l	99
43) Isopropyl Acetate	8.16	43	193537	17.247	ug/l	98
44) Trichloroethene	8.83	130	72799	17.544	ug/l	88
45) 1,2-Dichloropropane	9.11	63	92532	17.675	ug/l	98
46) Dibromomethane	9.20	93	54051	17.369	ug/l	98
47) Bromodichloromethane	9.40	83	113754	16.470	ug/l	100
48) Methyl methacrylate	9.19	41	92317	17.301	ug/l	99
49) 1,4-Dioxane	9.19	88	22721	329.282	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	558664	89.332	ug/l	100
52) Toluene	10.15	92	194409	18.146	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	115448	15.958	ug/l	93
54) cis-1,3-Dichloropropene	9.83	75	126569	15.713	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	70639	16.304	ug/l	94
56) Ethyl methacrylate	10.43	69	118226	17.347	ug/l	99
57) 1,3-Dichloropropane	10.70	76	131765	17.474	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	169581	100.306	ug/l	100
59) 2-Hexanone	10.75	43	381742	88.997	ug/l	100
60) Dibromochloromethane	10.90	129	68908	15.050	ug/l	94
61) 1,2-Dibromoethane	11.00	107	72382	17.033	ug/l	99
64) Tetrachloroethene	10.63	164	64218	16.791	ug/l	95
65) Chlorobenzene	11.43	112	191308	17.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	68119	16.073	ug/l	99
67) Ethyl Benzene	11.51	91	369117	17.257	ug/l	99
68) m/p-Xylenes	11.62	106	251736	34.606	ug/l	100
69) o-Xylene	11.95	106	124630	17.295	ug/l	100
70) Styrene	11.96	104	196619	17.232	ug/l	98
71) Bromoform	12.12	173	43084	15.038	ug/l #	96
73) Isopropylbenzene	12.25	105	335235	17.643	ug/l	100
74) N-amyl acetate	12.07	43	151559	17.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	100700	18.658	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	89950m	19.445	ug/l	
77) Bromobenzene	12.53	156	69021	18.178	ug/l	99
78) n-propylbenzene	12.59	91	361863	17.413	ug/l	98
79) 2-Chlorotoluene	12.67	91	223326	17.971	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	265914	17.255	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	25838	13.089	ug/l	85
82) 4-Chlorotoluene	12.77	91	205950	17.240	ug/l	99
83) tert-Butylbenzene	12.99	119	228285	17.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	258806	17.800	ug/l	100
85) sec-Butylbenzene	13.17	105	297070	17.505	ug/l	98
86) p-Isopropyltoluene	13.29	119	245294	16.779	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	99185	16.418	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	99280	16.781	ug/l	97
89) n-Butylbenzene	13.62	91	192210	15.537	ug/l	99
90) Hexachloroethane	13.88	117	47472	14.857	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	95427	16.547	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14403	15.775	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	25174	15.001	ug/l	94
94) Hexachlorobutadiene	15.01	225	31132	19.203	ug/l	99
95) Naphthalene	15.13	128	84599	14.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	24521	14.557	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

